

CLAIMS

1. A method of forming a polyurethane foam suitable for use as a wound-contacting layer, said method comprising: mixing 1 part by weight of an isocyanate-capped prepolymer having from 0.5 to 1.2 meq NCO groups/g with from 0.4 to 1.0 parts by weight of water in the presence of from 0.05 to 0.4 parts by weight of a C1 to C3 monohydric alcohol to form a foamed product; followed by treating the foamed product with a dispersion of a therapeutic agent and drying the treated foamed product.
- 10 2. A method according to claim 1 wherein the monohydric alcohol is methanol.
3. A method according to claim 1 or claim 2 wherein the isocyanate-capped prepolymer is an isocyanate-capped polyether prepolymer.
- 15 4. A method according to claim 3 wherein the isocyanate-capped polyether prepolymer is an isocyanate-capped ethyleneoxy/propyleneoxy copolymer.
5. A method according to any preceding claim wherein one part by weight of the isocyanate-capped prepolymer is mixed with from 0.6 to 0.9 parts by weight of water.
- 20 6. A method according to any preceding claim wherein one part by weight of the isocyanate-capped prepolymer is mixed with water in the presence of from 0.05 to 0.25 parts by weight of methanol or from 0.1 to 0.3 parts by weight of ethanol.
- 25 7. A method according to any preceding claim wherein the method further comprises a step of drying the polyurethane foamed product before said step of treating the foamed product with a dispersion of a therapeutic agent.
8. A method according to any preceding claim wherein the foam is treated with an aqueous solution or suspension of the therapeutic agent having a concentration of from 1 to 30 20 wt.%, followed by drying or freeze drying.

9. A medicated polyurethane foam obtainable by a process according to any preceding claim.

10. A wound dressing comprising a medicated polyurethane foam according to claim 9.